Treasure Island Resort and Casino Generation Facility

Part 71 Operating Permit Renewal Application

Submitted by: Energy Alternatives, Inc.

October 2008

Prepared by:
JEM Environmental, LLC
jemenvironmental@mchsi.com



Federal Operating Permit Program (40 CFR Part 71)

CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS (CTAC)

This form must be completed, signed by the "Responsible Official" designated for the facility or emission unit, and sent with each submission of documents (i.e., application forms, updates to applications, reports, or any information required by a part 71 permit).

	A. Responsible Official
	Name: (Last) Kairis (First) Phillip (MI)
	Title Vice President
	Street or P.O. Box 17685 Juniper Path, Suite 301
	City Lakeville State MN ZIP 55044 -
	Telephone (<u>651</u>) <u>341 - 2244</u> Ext. Facsimile (<u>651</u>) <u>460 - 6717</u>
	B. Certification of Truth, Accuracy and Completeness (to be signed by the responsible official)
	I certify under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.
!	Name (signed)
	Name (typed) Phillip Kairis Date: 13 1 08

Federal Operating Permit Program (40 CFR Part 71)

GENERAL INFORMATION AND SUMMARY (GIS)

A. Mailing Address and Contact Information
Facility name
Mailing address: Street or P.O. Box <u>Energy Alternatives, Inc.</u> 17685 Juniper Path, Suite 301
City <u>Lakeville</u> State <u>MN</u> ZIP <u>55044</u> -
Contact person: Phil Kairis Title Vice President
Telephone (<u>651</u>) <u>341 - 2244</u> Ext
Facsimile (<u>651</u>) <u>460</u> - <u>6717</u>
3. Facility Location
Temporary source?Yes _X _No
Plant site location 5734 Sturgeon Lake Road
City Red Wing State MN County Goodhue EPA Region 5
Is the facility located within:
Indian lands? X YES NO OCS waters? YES X NO
Non-attainment area?YES _X_NOIf yes, for what air pollutants?
Within 50 miles of affected State? X YES NO If yes, What State(s)? WI
C. Owner
Name Energy Alternatives, Inc. Street/P.O. Box 17685 Juniper Path, Suite 301
City <u>Lakeville</u> State <u>MN</u> ZIP <u>55044</u> -
Telephone (651) 341 - 2244 Ext
D. Operator
Name Same as Owner Street/P.O. Box
City State ZIP
Telephone () Ext

E. Application Type
Mark only one permit application type and answer the supplementary question appropriate for the type marked.
Initial Permit _X RenewalSignificant ModMinor Permit Mod (MPM)
Group Processing, MPM Administrative Amendment
For initial permits, when did operations commence?//
For permit renewal, what is the expiration date of current permit? 04 / 08 / 2009
F. Applicable Requirement Summary
Mark all types of applicable requirements that apply.
SIPFIP/TIPX_PSDNon-attainment NSR
Minor source NSR Section 111 Phase I acid rain Phase II acid rain
Stratospheric ozone OCS regulations NESHAP Sec. 112(d) MACT
Sec. 112(g) MACT Early reduction of HAP Sec 112(j) MACT RMP [Sec.112(r)]
Tank Vessel requirements, sec. 183(f)) Section 129 Standards/Requirement
Consumer / comm products, ¹ 183(e) NAAQS, increments or visibility (temp. sources)
Has a risk management plan been registered?YES _X_NO Regulatory agency
Phase II acid rain application submitted?YES _X_NO If yes, Permitting authority
G. Source-Wide PTE Restrictions and Generic Applicable Requirements
Cite and describe any emissions-limiting requirements and/or facility-wide "generic" applicable requirements.
Permit No. V-PI-R50004-03-01, Section 2.0 (A) Emission Limitations and Standards
1.i. Total NOx emissions from each engine shall not exceed 6.55 g/bhp-hr.
ii. Total NOx emissions from each engine shall not exceed 37.44 lb/hr.
iii. Total NOx emissions from each engine shall not exceed 10.30 tons/year.
2. Total operating hours of each engine shall not exceed 550 bre/year, based on a 12-month rolling sum

H. Process Description

List processes, products, and SIC codes for the facility.

Process	Products	SIC
Electricity generation	:	4911

1. Emission Unit Identification

Assign an emissions unit ID and describe each emissions unit at the facility. Control equipment and/or alternative operating scenarios associated with emissions units should by listed on a separate line. Applicants may exclude from this list any insignificant emissions units or activities.

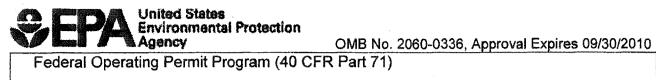
Emissions Unit ID	Description of Unit
EU-01	Internal Combustion Engine (diesel-fired); Caterpillar 3516B
EU-02	Internal Combustion Engine (diesel-fired); Caterpillar 3516B
EU-03	Internal Combustion Engine (diesel-fired); Caterpillar 3516B
EU-04	Internal Combustion Engine (diesel-fired); Caterpillar 3516B

J. Facility Emissions Summary

Enter potential to emit (PTE) for the facility as a whole for each air pollutant listed below. Enter the name of the single HAP emitted in the greatest amount and its PTE. For all pollutants stipulations to major source status may be indicated by entering "major" in the space for PTE. Indicate the total actual emissions for fee purposes for the facility in the space provided. Applications for permit modifications need not include actual emissions information.

NOx <u>41.2</u> tons/yr VOC <u>1.3</u> tons/yr SO2 <u>1.0</u> tons/yr
PM-10 0.8 tons/yr CO 3.4 tons/yr Lead 0 tons/yr
Total HAP 0.0 tons/yr
Single HAP emitted in the greatest amount <u>Benzene</u> PTE <u>0.01</u> tons/yr
Total of regulated pollutants (for fee calculation), Sec. F, line 5 of form FEE8 tons/yr
K. Existing Federally-Enforceable Permits
Permit number(s) <u>V-PI-R50004-03-01</u> Permit type <u>Part 71</u> Permitting authority <u>EPA Region 5</u>
Permit number(s) Permit type Permitting authority
L. Emission Unit(s) Covered by General Permits
Emission unit(s) subject to general permit
Check one: Application made Coverage granted
General permit identifier Expiration Date//_
M. Cross-referenced Information
Does this application cross-reference information? X YESNO (If yes, see instructions)

INSTRUCTIONS FOLLOW



EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information
Emissions unit ID <u>EU-01</u> Description <u>Diesel fired internal combustion engine</u>
SIC Code (4-digit) 4911 SCC Code 20100102
B. Emissions Unit Description
Primary use <u>Backup power and peak load management</u> Temporary Source <u>Yes X</u> No
Manufacturer Caterpillar Model No. 3516B
Serial Number <u>7RN01901</u> Installation Date <u>05 / 25 / 2001</u>
Boiler Type: Industrial boiler Process burner Electric utility boiler
Other (describe)
Boiler horsepower rating Boiler steam flow (lb/hr)
Type of Fuel-Burning Equipment (coal burning only):
Hand firedSpreader stokerUnderfeed stokerOverfeed stoker
Traveling grateShaking gratePulverized, wet bed Pulverized, dry bed
Actual Heat Input 16.76 MM BTU/hr Max. Design Heat Input 16.76 MM BTU/hr

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Primary fuel type(s) <u>Diesel</u>	Standby fuel type(s)	NA
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Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
Diesel	0.05%	NA	0.129 MMBtu/gal

D. Fuel Usage Rates

Fuel Type	Annual Actual	Maximum Usage	
	Usage	Hourly	Annual
Diesel	17,446 gallons (1)	130.2 gallons	71,610 gallons (2)
-			

- (1) Based on 134 operating hours in 2007 x 130.2 gallons/hour.
- (2) Based on limit of 550 operating hours per year x 130.2 gallons/hour.

E. Associated Air Pollution Control Equipment

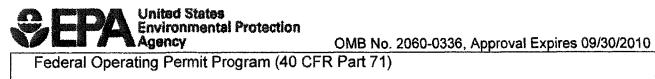
Air pollutant(s) Co	ntrolled	Manufacturer	
Model No		Serial No	
Installation date	1	Control efficiency (%)	

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) Inside stack diameter (ft)	
Stack temp(°F) Design stack flow rate (ACFM)	
Actual stack flow rate (ACFM) Velocity (ft/sec)	

An Ambient Impact Assessment was submitted with the PSD construction permit application.



EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information
Emissions unit ID <u>EU-02</u> Description <u>Diesel fired internal combustion engine</u> SIC Code (4-digit) <u>4911</u> SCC Code <u>20100102</u>
B. Emissions Unit Description
Primary use Backup power and peak load management Temporary Source Yes X No
Manufacturer Caterpillar Model No. 3516B
Serial Number <u>7RN01825</u> Installation Date <u>05 / 25 / 2001</u>
Boiler Type: Industrial boiler Process burner Electric utility boiler
Other (describe)
Boiler horsepower rating Boiler steam flow (lb/hr)
Type of Fuel-Burning Equipment (coal burning only):
Hand firedSpreader stokerUnderfeed stokerOverfeed stoker
Traveling grateShaking gratePulverized, wet bed Pulverized, dry bed
Actual Heat Input 16.76 MM BTU/hr Max. Design Heat Input 16.76 MM BTU/hr

C.	F	ue	I D	ata

Drimany fuel tune(e)	<u>Diesel</u>	Standby fuel type(c)	NA
Fillial Viuel (Vuelo)	Diesei	Otaliupy luci type(3)	14/7

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
Diesel	0.05%	NA	0.129 MMBtu/gal
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D. Fuel Usage Rates

Fuel Type Annual Actual	Maximum Usage		
_	Usage	Hourly	Annual
Diesel	17,446 gallons (1)	130.2 gallons	71,610 gallons (2)

- (1) Based on 134 operating hours in 2007 x 130.2 gallons/hour.(2) Based on limit of 550 operating hours per year x 130.2 gallons/hour.

E. Associated Air Pollution Control Equipment

Air pollutant(s) Controlled_	Manufacturer	
Model No	Serial No	
nstallation date/_	/ Control efficiency (%)	_

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft)	Inside stack diameter (ft)
Stack temp(°F)	
Actual stack flow rate (ACFM)	Velocity (ft/sec)

An Ambient Impact Assessment was submitted with the PSD construction permit application.



Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information
Emissions unit ID <u>EU-03</u> Description <u>Diesel fired internal combustion engine</u> SIC Code (4-digit) <u>4911</u> SCC Code <u>20100102</u>
B. Emissions Unit Description
Primary use <u>Backup power and peak load management</u> Temporary Source <u>Yes X No</u> Manufacturer <u>Caterpillar</u> Model No. <u>3516B</u> Serial Number <u>7RN01827</u> Installation Date <u>05 / 25 / 2001</u> Boiler Type: Industrial boiler Process burner Electric utility boiler
Other (describe)
Boiler horsepower rating Boiler steam flow (lb/hr)
Type of Fuel-Burning Equipment (coal burning only):
Hand fired Spreader stoker Underfeed stoker Overfeed stoker
Traveling grateShaking gratePulverized, wet bed Pulverized, dry bed
Actual Heat Input 16.76 MM BTU/hr Max. Design Heat Input 16.76 MM BTU/hr

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Primary fuel type(s) Diesel	Standby fuel type(s) NA
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Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
Diesel	0.05%	NA	0.129 MMBtu/gal

D. Fuel Usage Rates

Fuel Type	Annual Actual	Maximum Usage			
	Usage	Hourly	Annual		
Diesel	17,446 gallons (1)	130.2 gallons	71,610 gallons (2)		

- (1) Based on 134 operating hours in 2007 x 130.2 gallons/hour.(2) Based on limit of 550 operating hours per year x 130.2 gallons/hour.

E. Associated Air Pollution Control Equipment

Air pollutant(s) Controlled			Manufacturer
Model No			Serial No
nstallation date		1	Control efficiency (%)

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft)	Inside stack diameter (ft)
Stack temp(°F)	Design stack flow rate (ACFM)
Actual stack flow rate (ACFM)	Velocity (ft/sec)

An Ambient Impact Assessment was submitted with the PSD construction permit application.



Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information
Emissions unit ID <u>EU-04</u> Description <u>Diesel fired internal combustion engine</u>
SIC Code (4-digit) <u>4911</u> SCC Code <u>20100102</u>
B. Emissions Unit Description
Primary use <u>Backup power and peak load management</u> Temporary Source <u>Yes X No</u>
Manufacturer Caterpillar Model No. 3516B
Serial Number <u>7RN01824</u> Installation Date <u>05 / 25 / 2001</u>
Boiler Type: Industrial boiler Process burner Electric utility boiler
Other (describe)
Boiler horsepower rating Boiler steam flow (lb/hr)
Type of Fuel-Burning Equipment (coal burning only):
Hand firedSpreader stokerUnderfeed stokerOverfeed stoker
Traveling grateShaking gratePulverized, wet bed Pulverized, dry bed
Actual Heat Input 16.76 MM BTU/hr Max. Design Heat Input 16.76 MM BTU/hr

C.	Fuel Data		
	Primary fuel type(s) <u>Diesel</u>	Standby fuel type(s)	NA
	Describe each fuel you expected to use during	the term of the permit.	

Fuel Type		Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
Diesel		0.05%	NA	0.129 MMBtu/gal
	·			

D. Fuel Usage Rates

Fuel Type	Annual Actua	Maximum Usage			
	Usage	Hourly	Annual ·		
Diesel	17,446 gallons (1	130.2 gallons	71,610 gallons (2)		

- (1) Based on 134 operating hours in 2007 x 130.2 gallons/hour.(2) Based on limit of 550 operating hours per year x 130.2 gallons/hour.

E. Associated Air Pollution Control Equipment

Air pollutant(s) Controlled			Manufacturer						
Model No			Se	rial No.					
nstallation date	1	1	(Control	efficien	cy (%) _			

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft)	Inside stack diameter (ft)
Stack temp(°F)	
Actual stack flow rate (ACFM)	Velocity (ft/sec)

An Ambient Impact Assessment was submitted with the PSD construction permit application.

Federal Operating Permit Program (40 CFR Part 71)

INSIGNIFICANT EMISSIONS (IE)

List each insignificant activity or emission unit. In the "number" column, indicate the number of units in this category. Descriptions should be brief but unique. Indicate which emissions criterion of part 71 is the

basis for the exemption.

Number	Description of Activities or Emissions Units	RAP, except HAP	HAP
	10,000 gallon underground diesel fuel	X	
1	storage tank		
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Federal Operating Permit Program (40 CFR Part 71)

EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form GIS. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A.	Emissions	Unit ID	EU-01
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B. Identification and Quantification of Emissions

	Emission Rates			
	Actual			
Air Pollutants	Annual Emissions (tons/yr)	Hourly (lb/hr)	Annual (tons/yr)	CAS No.
Nitrogen oxides (NOx)	2.0	37.44	10.30	
Volatile Organic Compounds (VOC)	0.08	1.16	0.32	
Sulfur Dioxide (SO2)	0.06	0.91	0.25	
Particulate Matter less than 10 microns in diameter (PM10)	0.05	0.72	0.20	
HAPs	0.00	0.025	0.01	
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Federal Operating Permit Program (40 CFR Part 71)

EMISSION	CALC	ULAT	TONS ((EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form GIS. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A.	Emissions	Unit ID	EU-02
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B. Identification and Quantification of Emissions

		Emission Rate		
	Actual			
) Air Pollutants	Annual Emissions (tons/yr)	Hourly (lb/hr)	Annual (tons/yr)	CAS No.
Nitrogen oxides (NOx)	2.1	37.44	10.30	
Volatile Organic Compounds (VOC)	0.08	1.16	0.32	
Sulfur Dioxide (SO2)	0.06	0.91	0.25	
Particulate Matter less than 10 microns in diameter (PM10)	0.05	0.72	0.20	
HAPs	0.00	0.025	0.01	
		·		
				:
				:



Federal Operating Permit Program (40 CFR Part 71)

EMISSION	I CAL	CULA.	TIONS	(EMISS)
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Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form GIS. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A.	Emissions	Unit ID	EU-03
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B. Identification and Quantification of Emissions

		Emission Rate		
	Actual			
Air Pollutants	Annual Emissions (tons/yr)	Hourly (lb/hr)	Annual (tons/yr)	CAS No.
Nitrogen oxides (NOx)	2.1	37.44	10.30	
Volatile Organic Compounds (VOC)	0.07	1.16	0.32	
Sulfur Dioxide (SO2)	0.06	0.91	0.25	
Particulate Matter less than 10 microns in diameter (PM10)	0.05	0.72	0.20	
HAPs	0.00	0.025	0.01	
	:			

Federal Operating Permit Program (40 CFR Part 71)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form GIS. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Un	it ID	EU-04
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B. Identification and Quantification of Emissions

		Emission Rates		
	Actual			
Air Pollutants	Annual Emissions (tons/yr)	Hourly (lb/hr)	Annual (tons/yr)	CAS No.
Nitrogen oxides (NOx)	1.2	37.44	10.30	
Volatile Organic Compounds (VOC)	0.04	1.16	0.32	
Sulfur Dioxide (SO2)	0.03	0.91	0.25	
Particulate Matter less than 10 microns in diameter (PM10)	0.03	0.72	0.20	
HAPs	0.00	0.025	0.01	
				,

Treasure Island Resort and Casino Energy Alternatives, Inc. Emissions Calculations Part 71 Permit Renewal

NOx Emissions

***************************************	2007	NOx	Actual		
	Annual	Emission	Annual NOx	Potentia	to Emit
Emission	Op Hrs	Factors	Emissions	Hourly	Annual
Unit	(hr/yr)	(lb/hr)	(ton/yr)	(lb/hr)	(ton/yr)
EU-01	134	29.58	2.0	37.44	10.30
EU-02	135	31.83	2.1	37.44	10,30
EU-03	127	33.09	2.1	37.44	10.30
EU-04	75	33.08	1.2	37.44	10.30
Total			7.5	149.76	41.18

NOx emission factors are from annual testing conducted January 22, 2008. Potential to emit is based on current permit limits.

Other Criteria Pollutants

Taior Tribute Containing							
Pollutant:	VOC	SO2					
Emission Factors (lb/hr)	1.16	0.9114					

		Actual	Potential to Emit		Actual	Potential t	o Emit
Emission	Annual	Emissions	Hourly	Annual	Emissions	Hourly	Annual
Unit	Op Hrs	(ton/yr)	(lb/hr)	(ton/yr)	(ton/yr)	(lb/hr)	(ton/yr)
EU-01	134	0.08	1.16	0.32	0.06	0.91	0.25
EU-02	135	0.08	1.16	0.32	0.06	0.91	0.25
EU-03	127	0.07	1.16	0.32	0.06	0.91	0.25
EU-04	75	0.04	1.16	0.32	0.03	0.91	0.25
Subtotals		0.27	4.64	1.28	0.21	3.65	1.00

Pollutant:	PM10	СО
Emission Factors (lb/hr)	0.715	3.05

		Actual	Potential to Emit		Actual	Potential 1	to Emit
Emission	Annual	Emissions	Hourly	Annual	Emissions	Hourly	Annual
Unit	Op Hrs	(ton/yr)	(lb/hr)	(ton/yr)	(ton/yr)	(lb/hr)	(ton/yr)
EU-01	134	0.05	0.72	0.20	0.20	3.05	0.84
EU-02	135	0.05	0.72	0.20	0.21	3.05	0.84
EU-03	127	0.05	0.72	0.20	0.19	3.05	0.84
EU-04	75	0.03	0.72	0.20	0.11	3.05	0.84
Subtotals		0.17	2.86	0.79	0.72	12.20	3.36

The VOC and CO emission factors were provided by Ziegler for a Caterpillar 3516B dry engine manifold. SO2 (lb/hr) = 130.2 gal fuel/hr * density (7 lb fuel/gal) * 0.05 part S/100 parts fuel * lbmol S/32 lb S * 64 lb SO2/lbmol SO2 PM10 is calculated based on the fraction of PM10 in PM, provided in AP-42, Table 3.4-2, multiplied by the emission factor provided by the engine manufacturer.

PM10 (lb/hr) = (0.0573 lb/MMBtu) / (0.0697 lb/MMBtu) * 0.87 lb/hr

Annual potential to emit is limited by a permit limit of 550 hours per year per engine.

9/25/08

Treasure Island Resort and Casino Energy Alternatives, Inc. Emissions Calculations Part 71 Permit Renewal

HAP Emissions

Pollutant:	Benzene	Toluene	Xylenes	Formaldehyde
Emission Factors (lb/hr)	0.013	0.0047	0.00323	0.00132

		Actual	PTE	Actual	PTE	Actual	PTE	Actual	PTE
Emission	Annual	Emissions	Annual	Emissions	Annual	Emissions	Annual	Emissions	Annual
Unit	Op Hrs	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)
EU-01	134	8.71E-04	3.58E-03	3.15E-04	1.29E-03	2.16E-04	8.88E-04	8.84E-05	3.63E-04
EU-02	135	8.78E-04	3.58E-03	3.17E-04	1.29E-03	2.18E-04	8.88E-04	8.91E-05	3.63E-04
EU-03	127	8.26E-04	3.58E-03	2.98E-04	1.29E-03	2.05E-04	8.88E-04	8.38E-05	3.63E-04
EU-04	75	4.88E-04	3.58E-03	1.76E-04	1.29E-03	1.21E-04	8.88E-04	4.95E-05	3.63E-04
Subtotals		0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00

Pollutant:	Acetaldehyde	Acrolein	Naphthalene	Total HAPs
Emission Factors (lb/hr)	0.000422	0.000132	0.00217	0.0223

		Actual	PTE	Actual	PTE	Actual	PTE	Actual	PTE
Emission	Annual	Emissions	Annual	Emissions	Annual	Emissions	Annual	Emissions	Annual
Unit	Op Hrs	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)
EU-01	134	2.83E-05	1.16E-04	8.84E-06	3.63E-05	1.45E-04	5.97E-04	0.00	0.01
EU-02	135	2.85E-05	1.16E-04	8.91E-06	3.63E-05	1.46E-04	5.97E-04	0.00	0.01
EU-03	127	2.68E-05	1.16E-04	8.38E-06	3.63E-05	1.38E-04	5.97E-04	0.00	0.01
EU-04	75	1.58E-05	1.16E-04	4.95E-06	3.63E-05	8.14E-05	5.97E-04	0.00	0.01
Subtotals		0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03

HAP emission factors are from Table 3.4-3 in AP-42.

EF (lb/hr) = (130.2 gal/hr) * (7 lb fuel/gal) * (18,290 Btu/lb) * (MMBtu/10^6 Btu) * EF (lb/MMBtu)

Federal Operating Permit Program (40 CFR Part 71)

POTENTIAL TO EMIT (PTE)

For each unit with emissions that count towards applicability, list the emissions unit ID and the PTE for the air pollutants listed below and sum them up to show totals for the facility. You may find it helpful to complete form **EMISS** before completing this form. Show other pollutants not listed that are present in major amounts at the facility on attachment in a similar fashion. You may round values to the nearest tenth of a ton. Also report facility totals in section **J** of form **GIS**.

Emissions Unit ID	Regulated Air Pollutants and Pollutants for which the Source is Major (tons/yr)						
	NOx	voc	SO2	PM10	СО	Lead	HAP
EU-01	10.3	0.3	0.3	0.2	0.8	0	0.0
EU-02	10.3	0.3	0.3	0.2	0.8	0	0.0
EU-03	10.3	0.3	0.3	0.2	0.8	0	0.0
EU-04	10.3	0.3	0.3	0.2	0.8	0	0.0
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FACILTY TOTALS	41.2	1.3	1.0	0.8	3.4	0	0.0

Form FEE, Fee Calculation Worksheet, was submitted with the Annual Fee Payment on June 10, 2008 in accordance with the schedule in Section 4.0 (B) of Permit No. V-PI-R50004-03-01.

Form A-COMP, Annual Compliance Certification, was submitted May 2, 2008 in accordance with the schedule in Section 4.0 (D) of Permit No. V-PI-R50004-03-01.